	Application No.	Applicant(s)
	10/667,477	BRUDER ET AL.
Notice of Allowability	Examiner	Art Unit
	David V. Bruce	2882
The MAILING DATE of this communication appears on the cover sheet with the correspondence address All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.		
1. This communication is responsive to Application of 23 Sep 03.		
2. The allowed claim(s) is/are <u>1-24</u> .		
3. The drawings filed on 23 September 2003 are accepted by the Examiner.		
4.		
 Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☑ Information Disclosure Statements (PTO-1449 or PTO/SB/O Paper No./Mail Date 20030923 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material 	6. Interview Summary Paper No./Mail Da 08), 7. Examiner's Amendo	te

REASONS FOR ALLOWANCE

1. The following is an examiner's statement of reasons for allowance: the claims address an apparatus and method for generating a CT image of a periodically moving/movable object using 3D filtered backprojection where weighting is used which is function of the spatial distance of the ray to the voxel, and where weighting is used which is a function of the time difference from the examination area movement state (as required by independent claims 1 and 23). This feature is neither shown nor fairly suggested in the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

2. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Chesler US 5,079,697 A, Besson *et al.* US 6,459,754 B1, and Nishide *et al.* US 2005/0008116 A1 show CT systems with weights that are a function of distance.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David V. Bruce whose telephone number is (571) 272-2487. The examiner can normally be reached on M - Th and alt Fri 8:00 - 4:30 subject to I-Flex.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward J. Glick can be reached on (571) 272-2490. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Application/Control Number: 10/667,477

Art Unit: 2882

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (tall-free).

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